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From: Paula M. Suchy
Date: February 2, 2004
Re: SLWK # 279.341US1

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Cardiac Pacemakers, Inc.: 00-109

Matter: METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A
RESYNCHRONIZATION PACEMAKER

Dear Examiner Bockelman:

Attached please find copies of a Supplemental Information Disclosure Statement (1 pg.), Form 1449 (1 pg.) and stamped returned postcard (1 pg.) previously filed on September 10, 2003; a Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (3 pgs) and stamped returned postcard (1 pg.) previously submitted on October 17, 2003; and a Information Disclosure Statement filed electronically (7 pgs.) and acknowledgement receipt (2 pgs.) previously submitted on November 17, 2003.

Applicant respectfully requests that copies of the 1449 forms, initialed as being considered by the Examiner be returned to Applicant.

If you have any questions, please contact me at (612) 371-2177. Thank you for your time.

Regards,

Paula M. Suchy
Paula M. Suchy
Paralegal
(612) 339-3061-fax
psuchy@slwk.com

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Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

In re Patent Application of: Scott Vanderlinde et al.

Title: METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER

Serial No.: 09/748,724

Filing Date: December 26, 2000

CONTENTS: An Supplemental Information Disclosure Statement (1 pg.), Form 1449 (1 pg.), and copies of 20 cited documents; a Return Postcard and TRANSMITTAL SHEET.

Mailed: September 1, 2003
TEB/pms

Docket No.: 279,341US1
Due Date: N/A



S/N 09/748724PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Scott Vanderlinde et al.	Examiner:	Mark Bockelman
Serial No.:	09/748,724	Group Art Unit:	3762
Filed:	December 26, 2000	Docket:	279.341US1
Title:	METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER		

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

SCOTT VANDERLINDE ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6912

Date Sep. 10, 2003

By [Signature]
Timothy E. Bianchi
Reg. No. 39,610

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10 day of September, 2003.

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**INFORMATION DISCLOSURE
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Approved for use through 10/31/2002. OMB No. 0705-0001
 US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/748724
Filing Date	December 26, 2000
First Named Inventor	Vanderlinde, Scott
Group Art Unit	3762
Examiner Name	Bockelman, Mark

Sheet 1 of 1

Attorney Docket No: 279.341US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-3,857,399	12/31/1974	Zacouto,	128	419 P	03/19/1971
	US-4,030,510	06/21/1977	Bowers,	128	419 PG	11/05/1975
	US-4,556,063	12/03/1985	Thompson, D. L., et al.	128	419 PT	12/07/1984
	US-4,917,115	04/17/1990	Flammang, et al.	128	419 PG	07/11/1988
	US-5,978,707	11/02/1999	Krig, D. B., et al.	607	14	10/08/1997
	US-6,058,328	05/02/2000	Levine, P. A., et al.	607	14	01/24/1997
	US-6,091,988	07/18/2000	Warman, E. N., et al.	607	5	04/30/1998
	US-6,096,064	08/01/2000	Routh, A. G.	607	9	09/19/1997
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	US-6,430,438	08/06/2002	Chen, Victor T., et al.	607	5	05/21/1999
	US-6,434,424	08/13/2002	Igel, David A., et al.	607	9	12/22/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
		BUHR, TRINA A., et al., "Novel Pacemaker Algorithm Diminishes Short-Coupled Ventricular Beats In Atrial Fibrillation", <u>PACE</u> , Vol. 24, Part II, (April 2001), 729	
		GREENHUT, S., et al., "Effectiveness of a Ventricular Rate Stabilization Algorithm During Atrial Fibrillation in Dogs", <u>Pace Abstract</u> , Abstract No. 60, (1996), 1 p.	
		LAU, CHU-PAK, et al., "Efficacy of Ventricular Rate Stabilization by Right Ventricular Pacing During Atrial Fibrillation", <u>PACE</u> , Vol. 21, (March 1998), 542-548	
		MEHRA, R., et al., "Prevention of Atrial Fibrillation/Flutter by Pacing Techniques", <u>Interventional Electrophysiology</u> , Second Edition, Chapter 34, Futura Publishing Company, Inc., (1996), pp. 521-540	
		WITTKAMPF, FRED H., et al., "Effect of Right Ventricular Pacing on Ventricular Rhythm During Atrial Fibrillation", <u>JACC</u> , Vol. 11, No. 3, (March 1988), 539-545	
		WITTKAMPF, F.H.M., et al., "Rate Stabilization by Right Ventricular Pacing in Patients with Atrial Fibrillation", <u>Pace</u> , Vol. 9, Part II, (November-December 1986), 1147-1153	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not relation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.



Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

In re Patent Application of: Scott Vanderlinde et al.

Title: METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER

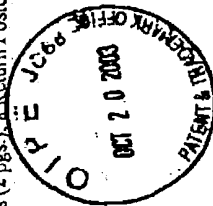
Serial No.: 09/748724

Filing Date: December 26, 2000

CONTENTS: A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (3 pgs.), and copies of 38 cited documents; A check in the amount of \$ 180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c); A Communication Concerning Co-Pending Applications (2 pgs.); a Return Postcard and TRANSMITTAL SHEET.

Mailed: October 17 2003
TEB/pms

Docket No.: 279,341US1
Due Date: N/A



S/N 09/748724

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Scott Vanderlinde et al. Examiner: Mark Bockelman
Serial No.: 09/748,724 Group Art Unit: 3762
Filed: December 26, 2000 Docket: 279.341US1
Title: METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS
IN A RESYNCHRONIZATION PACEMAKER

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :09/748724

Filing Date: December 26, 2000

Title: METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER

Page 2
Dkt. 279.341US



The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

SCOTT VANDERLINDE ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
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(612) 373-6912

Date Oct. 17, 2003

By [Signature]
Timothy E. Bianchi
Reg. No. 39,610

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PTO/SO-008 (Rev. 11/93)
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US Patent & Trademark Office U.S. DEPARTMENT OF COMMERCE

COPY

Complete if Known Application Number Filing Date First Named Inventor Group Art Unit Examiner Name	09/748724
	December 26, 2000
	Vanderlinde, Scott
	3762
	Bockelman, Mark
Sheet 1 of 3	Attorney Docket No: 279.341US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ¹
	EP-0033418	12/12/1980	Funke, H. D., et al.	A61N	1/36	
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
		Metrix Model 3020 Implantable Atrial Defibrillator, Physician's Manual, InControl, Inc., Redmond, WA, (1998), pp. 4-24 - 4-27	
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EXAMINER

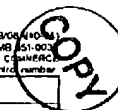
DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)
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PTO-5506 (Rev. 10/21/2002) OMB 5510-004
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Complete if Known

Application Number	09/748724
Filing Date	December 26, 2000
First Named Inventor	Vanderlinde, Scott
Group Art Unit	3762
Examiner Name	Bockelman, Mark

Sheet 2 of 3

Attorney Docket No: 279.341US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Continuous Atrial Overdrive Pacing After Coronary Artery Bypass Surgery", JACC, Vol. 35, No. 6, (May 2000), pp. 1411- 1415	
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		MURGATROYD, F. D., et al., "A New Pacing Algorithm for Overdrive Suppression of Atrial Fibrillation", Pace, Vol. 17., (November 1994, Part), pp. 1966 - 1973	
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		STEPHANY, et al., "Real-Time Estimation of Magnitude-Square Coherence for Use in Implantable Devices", IEEE Computers in Cardiology, (1992), pp. 375-378	
		SUTTON, R., "Pacing in Atrial Arrhythmias", PACE, Vol. 13, (December 1990,	

EXAMINER

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Substitute Disclosure Statement Form (PTO-1449)

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PTO/USPO (10-11)
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US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

	Complete if Known	
	Application Number	09/748724
	Filing Date	December 26, 2000
	First Named Inventor	Vanderlinde, Scott
	Group Art Unit	3762
	Examiner Name	Bockelman, Mark
Sheet 3 of 3		Attorney Docket No: 279.341US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
		Part), pp. 1823 - 1827	
		SWIRYN, S., et al., "Detection of Atrial Fibrillation by Pacemakers and Antiarrhythmic Devices", <u>Nonpharmacological Management of Atrial Fibrillation</u> , Chapter 21, Futura Publishing Co, Inc. Armonk, NY, (1997), pp. 309-318	
		ZHU, D. W., "Electrophysiology, Pacing and Arrhythmia", <u>Clin. Cardiol.</u> , Vol. 19, (September 1996), pp. 737 - 742	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1448)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional). ‡ Applicant is to place a check mark here if English language Translation is attached.

Acknowledgement Receipt

Page 1 of 2

**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER																									
<p>Submission Type: Information Disclosure Statement</p> <p>Application Number: 09/748724 *09/748724*</p> <p>EFS ID: 50754</p> <p>Server Response:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>4214</td> </tr> <tr> <td>ISYS5</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	4214	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.																
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ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.																									
<p>First Named Applicant: Scott Vanderlinde</p> <p>Attorney Docket Number: 279.341US1</p> <p>Timestamp: 2003-11-17 15:06:38 EDT</p> <p>From: us</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 40%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>279.341US1-usidst.xml</td> <td>56016</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td>7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td>12026</td> </tr> <tr> <td>package-data</td> <td>279.341US1-pkda.xml</td> <td>2154</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total files size</td> <td>124247</td> </tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	us-ids	279.341US1-usidst.xml	56016	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	279.341US1-pkda.xml	2154	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		124247
Doc. Name	File Name	Size (Bytes)																								
us-ids	279.341US1-usidst.xml	56016																								
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Acknowledgement Receipt

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	METHOD AND SYSTEM FOR DISPLAY OF CARDIAC EVENT INTERVALS IN A RESYNCHRONIZATION PACEMAKER	
Application Number:	09/748724	*09/748724*
Confirmation Number:	4214	
First Named Applicant:	Scott Vanderlinde	
Attorney Docket Number:	279.341US1	
Art Unit:	3762	
Examiner:	Mark Bockelman	
Search string:	(4059116 or 4163451 or 4208008 or 4432360 or 4503857 or 4562841 or 4830006 or 4869252 or 4890617 or 4905697 or 4920965 or 4940054 or 4941471 or 4944298 or 4945909 or 4972834 or 4998974 or 5012814 or 5042480 or 5085215 or 5101824 or 5107850 or 5127404 or 5129394 or 5139020 or 5144949 or 5156147 or 5156154 or 5179949 or 5183040 or 5184614 or 5188106 or 5193535 or 5193550 or 5197467 or 5207219 or 5282836 or 5284491 or 5292339 or 5292341 or 5311874 or 5312452 or 5331966 or 5334220 or 5350409 or 5356425 or 5360437 or 5365932 or 5379776 or 5383910 or 5387229 or 5391189 or 5395373 or 5395397 or 5400796 or 5411524 or 5411531 or 5417714 or 5423869 or 5437285 or 5462060 or 5474574 or 5480413 or 5486198 or 5487752 or 5507782 or 5507784 or 5514163 or 5522850 or 5522859 or 5523942 or 5527347 or 5534016 or 5540727 or 5545182 or 5545186 or 5549649 or 5554174 or 5560369 or 5560370 or 5584864 or 5584867 or 5591215 or 5605159 or 5607460 or 5613495 or 5620471 or 5626620 or 5626622 or 5626623 or 5632267 or 5674250 or 5674251 or 5674255 or 5676153 or 5683429 or 5690689 or 5700283 or 5713929 or 5713930 or 5713932 or 5716382 or 5716383 or 5718235 or 5724985 or 5725559 or 5725561 or 5730141 or 5730142 or 5738096 or 5741304 or 5741308 or 5749901 or 5749906 or 5755736 or 5755737 or 5755739 or 5755740 or 5759196 or 5776164 or 5776167 or 5782887 or 5788717 or 5792193 or 5800464 or 5800471 or 5814077 or 5814081 or 5814085 or 5836975 or 5836987 or 5840079 or 5842997 or 5846263 or 5853426 or 5855593 or 5861007 or 5865838 or 5873895 or 5873897 or 5891178 or 5893882 or 5897575 or 5902324 or 5928271 or 5931857 or 5935081 or 5944744 or 5951592 or 5968079 or 5978710 or 5983138 or 5987354 or 5987356 or 5991656 or	

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	2	4163451	1979-08-07	Lesnick, , et al.		128	419 PG
	3	4208008	1980-06-17	Smith, B. L.		371	15
	4	4432360	1984-02-21	Mumford, V. E., et al.		128	419 PG
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Signature

Examiner Name	Date